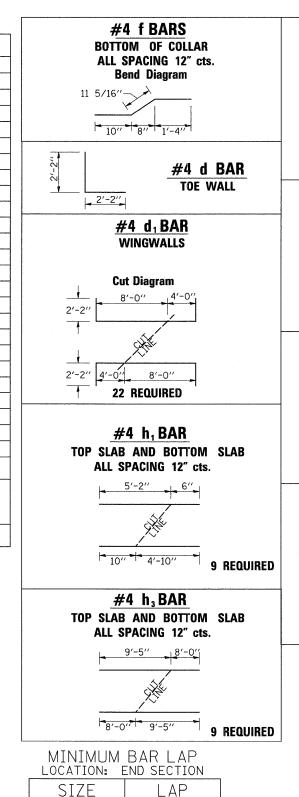
## CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS — 84" SN 043-1078 - LT AND RT STA 230+39 PR SIDE TAPERED IMPROVED INLET (IL RTE 78)

BILL OF MATERIALS (FOR INFORMATION ONLY)\*

DILL OF WATENIALS NON INFONWATION ONLITE								
BAR	NO.	SIZE	LENGTH	SPACING	SHAPE			
а	3	# 4	36′-10′′	12" cts.				
d	38	# 4	4'-4''	12" cts.	L_			
d ı	22	# 4	16′-4′′	13", 8" cts.				
f	9	# 4	2′-10′′	12" cts.				
h	10	# 4	12′-2′′	12" cts.				
h ı	9	# 4	5′-8′′	12" cts.				
h z	4	# 4	3′-0′′	·				
h 3	9	# 4	17′-5′′					
h ₄	4	# 4	13′-2′′					
h s	2	# 4	14'-0''					
h s	8	# 4	5′-2′′	12" cts.				
h s	7	# 5	46′-3′′	12" cts.	edinament common			
h 10	3	# 4	12′-5′′	12" cts.	***************************************			
h 11	10	# 4	12′-5′′	12" cts.				
h 12	1	# 5	13′-10′′					
h 13	1	# 5	23′-11′′					
h 14	6	# 4	23′-6′′	12" cts.				
h 15	2	# 4	22′-0′′	12" cts.				
					,			
U	4	# 4	18'-8''					
U 1	5	# 4	9′-10′′	12" cts.	<u>L</u>			
DESCRIPTI	<u> </u>	UNIT	QTY					
	LACE REIN END SECTI	CU YD	18.2					
REINFORCE	MENT BARS	POUND	1440					

\* QUANTITIES SHOWN FOR ONE (1) CAST-IN-PLACE REINFORCED CONCRETE END SECTION 84". TWO ARE REQUIRED.



#4 h <sub>5</sub> BAR WINGWALLS  10'-8"   3'-4"	#4 h <sub>15</sub> BARS WINGWALLS ALL SPACING 12" cts.  21'-0"   1'-0"    7'-8"   14'-4"    2 REQUIRED
#5 h₃ BARS APRON Cut Diagram	#4 u BAR concrete collar
9'-4" 36'-11" - 35'-3"   11'-0"   7 BARS	5'-4"
#4 h <sub>11</sub> BARS APRON	#4 u <sub>1</sub> BAR EXTENSION
Cut Diagram	10"
#4 h <sub>10</sub> BARS  APRON  Cut Diagram	
<u> </u>	GENERAL NOTES:  This work shall be paid for at the cunit price per "each" for <b>cast-in-place</b>
<b>,</b> <>□	SECTIONS 84" THIS WORK SHALL INCLUDE TH

3 REQUIRED

## L DAD

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER "EACH" FOR CAST-IN-PLACE RC END SECTIONS 84". THIS WORK SHALL INCLUDE THE REINFORCEMENT BARS, CLASS SI CONCRETE, INSTALLATION ON THE PROPOSED CULVERT, EARTH EXCAVATION AND DIVERTING WATER WHERE REQUIRED, AND ANY NECESSARY GRADING TO FIT THE END SECTION, AS SHOWN IN THE CROSS SECTIONS OR TO SLOPE.

// . . D. . D.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. EXPOSED EDGES SHALL BE BEVELED 3/4".

SLOPE FLOW LINE FOR END SECTION IS THE SAME RATE AS THE FLOW LINE OF THE BOX CULVERT.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 GR. 60 (IL MODIFIED).

SEE PLAN AND PROFILE SHEET FOR MORE INFORMATION.

SEE CROSS SECTION SHEET FOR MORE INFORMATION AND INVERT ELEVATIONS.

ILE NAME =	USER NAME = hensonke	DESIGNED	MGH	REVISED	-
	*	DRAWN	WJH	REVISED	
	PLOT SCALE = 50.0000 '/ IN.	CHECKED	RGD	REVISED	-
	PLOT DATE = Tue Oct 07 09:09:58 2008	DATE	9/26/2008	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

1' - 4''

1' - 8''

2' - 0"

# 4

# 5

# 6

						F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						642	(10 <b>,</b> 11)T	JODAVIESS	283	88	
I		T							CONTRACT	NO. 6	4D07
١	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. RO	AD DIST, NO. ILLINOIS FED. A	ID PROJECT		